

INTEGRATED FRONT ASSEMBLY

ABSTRACT OF THE DISCLOSURE

Front structure for a vehicle includes a unitary panel formed to define a vehicle cowl and a vehicle bulkhead. The vehicle cowl may form an air intake plenum. The unitary panel is configured to at least partially define a front compartment of the vehicle. An alternative unitary panel is formed to define a hood having inner and outer panel portions and, optionally, fenders. Another alternative unitary panel is formed to define a cowl, a bulkhead and a hood. The preferable method for forming the panels is quick plastic forming, superplastic forming or sheet hydroforming.